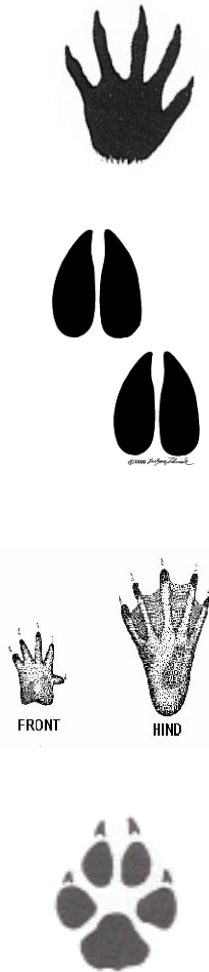
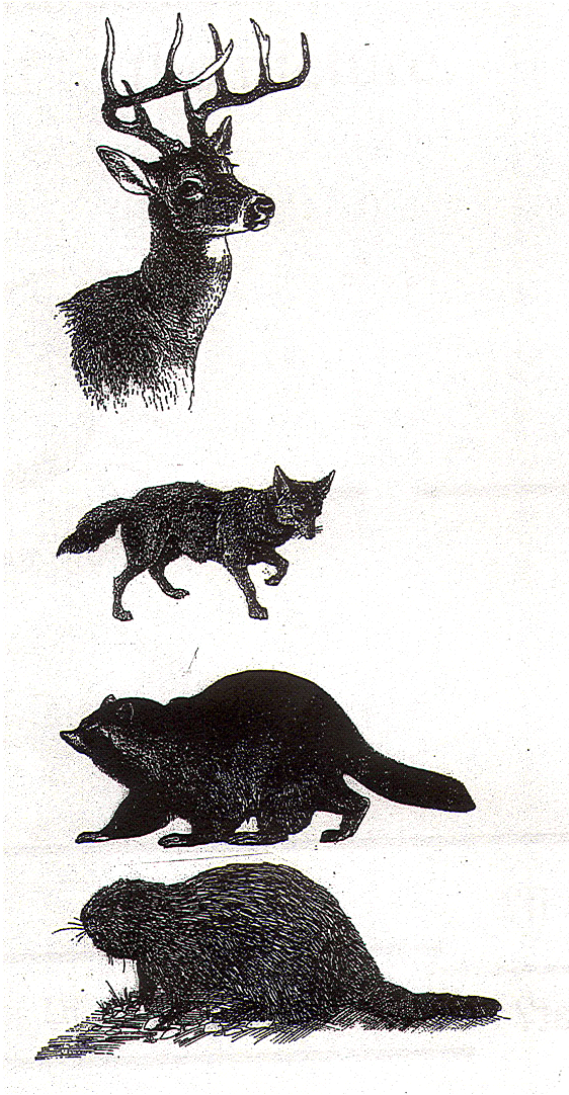


Animal Tracks

Draw a line connecting the animal to its footprint.



Nixon Park Scavenger Hunt

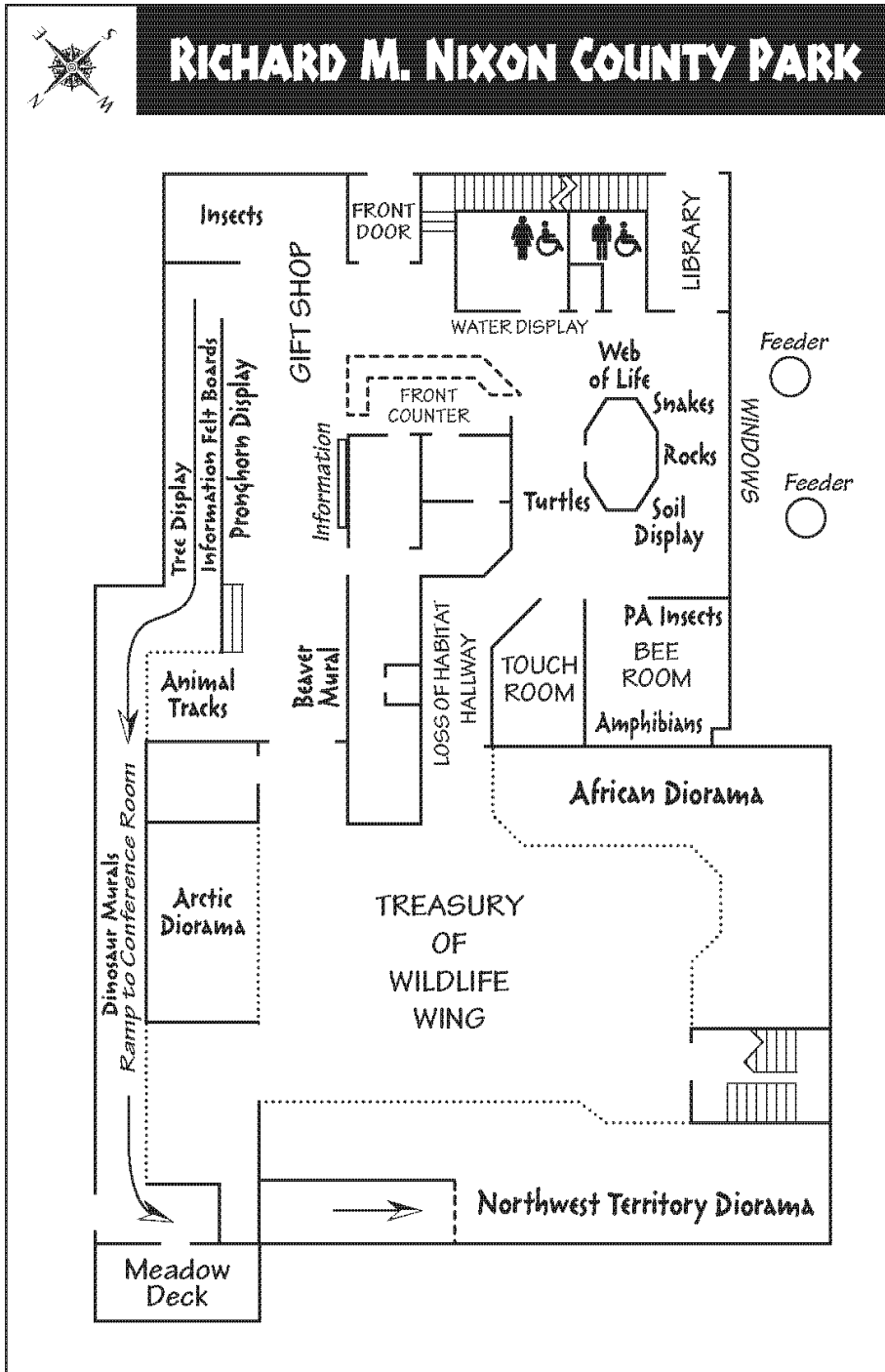
3rd grade and up



**Learn to protect and save
our wildlife habitat.**

Name: _____

Floor Plan of the Nature Center



Lower Ramp Owls of Pennsylvania

Owls hunt by sound. Where are their ears?



Check the ways owl feet are special:

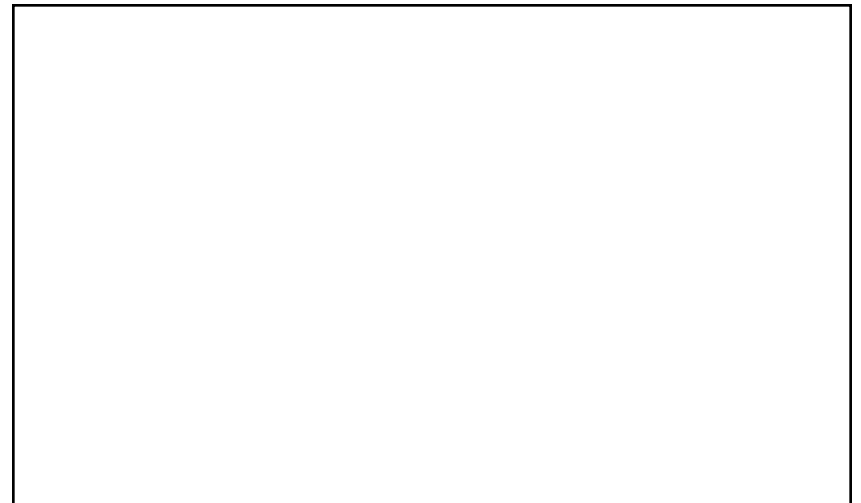
- ☐ They have feathers.
- ☐ They have sharp talons.
- ☐ One toe can go forwards or backwards.
- ☐ They hold tight while owls hang upside down.

How far can owls rotate their head?

90° 180° 270° 360°

A circle is
360°

Which owl is your favorite? Sketch it and label it!



lower Ramp- Dinosaurs

Answer the questions by observing the mural.

Were insects around when dinosaurs ruled the land?

Yes

No

Were all dinosaurs larger than you?

Yes

No

Can you find one prehistoric animal that still around today?

How are dinosaur's born?

Describe the plants of the Triassic Era shown on the dinosaur wall.



Insects!



Some insects avoid being eaten by disguising themselves as a natural object such as a twig.

Can you name three other insect disguises?

_____, _____, and

Some insects take a more aggressive approach. Some moths use _____ on their wings to startle their predator. Poisonous insects advertise their presence with _____.

What is mimicry? _____

Name one mimic: _____

Name three insect relatives shown in the display.



_____, _____

Water Display



What is a watershed? _____

What is the name of the watershed in the mural?

How many gallons does Lake Redman hold?

31 Billion

3.1 Billion

3.1 Million



The water meter measures how much water is used each day at Nixon Park.

How much water was used yesterday?

_____ GAL

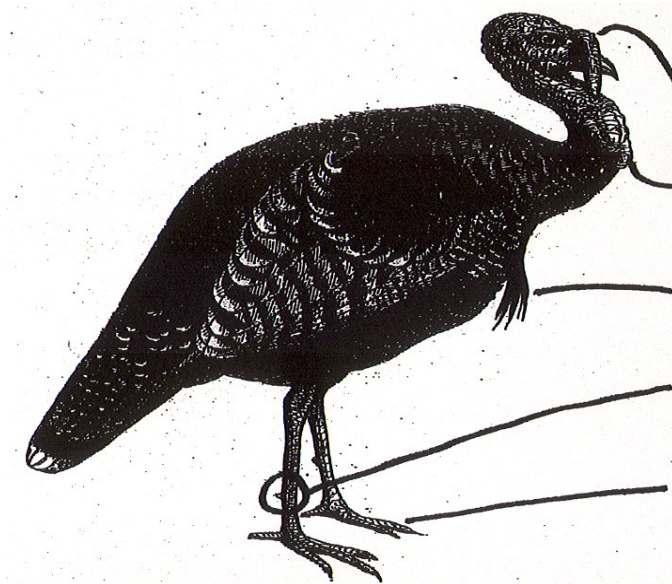
How much water has been used today?

_____ GAL

Lower Ramp Turkey Exhibit

The Wild Turkey is the largest game bird in North America. They forage mostly on the ground for seeds, nuts, acorns, and insects. At night they roost in trees. In 1776 when our national bird was being selected, Benjamin Franklin opposed the bald eagle, which he called “a bird of bad moral character”, and instead proposed the Wild Turkey be our national bird.

Label the parts of the turkey.



Is this a male or female? How do you know?



Lower Ramp Antler Exhibit

Find out the difference between antlers
and horns!



Put an “A” in front of the phrases that best describe antlers.

Put an “H” in front of those that best describe horns.

- _____ Are shed every year
- _____ Are attached for life
- _____ Made of keratin, like our hair
- _____ Made of bone
- _____ Found on males of the deer family
- _____ Found on male and female caribou
- _____ Found on sheep, goats, and antelope



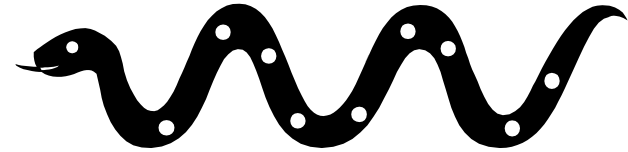
Pronghorn Antelope



Moose

Which horned animal sheds the
outer part of its horn during fall?

Pennsylvania's Snakes



Are snakes warm-blooded or cold-blooded? What
does that mean? _____

Do snakes have a backbone? _____

A snake uses his tongue to _____
& _____

Are snakes herbivores, omnivores, or carnivores?
What do they eat?

How many different kinds of snakes can be found in
Pennsylvania? _____

How many species are endangered? _____

Rocks!



What colors are the Gettysburg Porcelanite (49)?

_____, _____

Conglomerates are sedimentary rocks made up of many smaller rocks, such as the High Terrace Gravel (54). Can you find two more conglomerates on the rock wall?

_____, _____

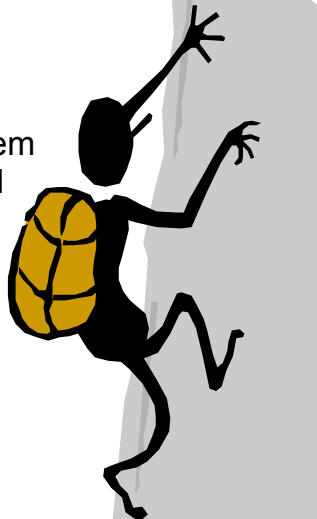
It takes _____ years for one inch of soil to form!

Soil layers are called _____.

The loosening and movement of soil by wind and water is called

_____.

List three animals, and how many of them might be found in a square meter of soil thirty centimeters deep.



TREE DISPLAY (on the ramp)

How old is the oldest tree on display? _____

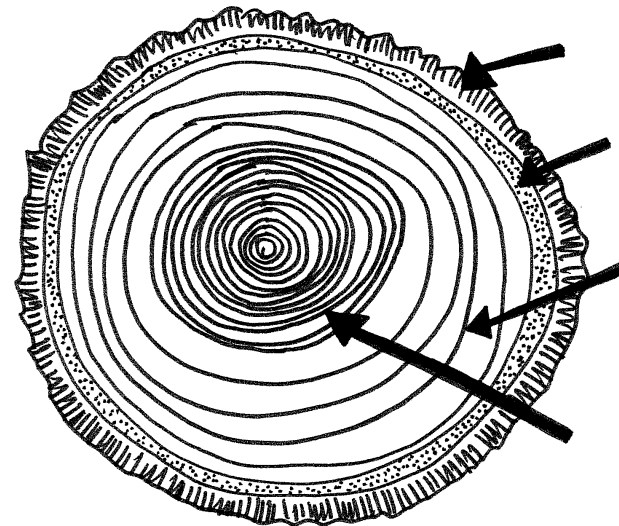
On the white oak, what happened in 1839? _____

Look at the poster. What happened in 1930 and how is it shown?

What 3 factors influence the size of the tree? W

N _____ C _____

Label the parts of the tree!



Birds of Feather..... Flock Together. (Animal Tracks Area)



Match the type of animal with its group name.

Bird

Flock

Porcupine

Romp

Owls

Convocation

Rhinos

Pickle

Eagles

Parliament

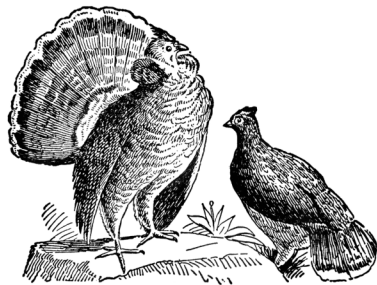
Otters

Charm

Finches

Crash

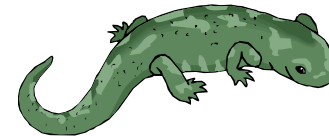
Pennsylvania's state bird is the Ruffed Grouse. In the spring the male attracts females to his territory by raising his ruffs and crest, fanning his tail, and



Amphibians!

List 2 reasons why amphibians are important.

List 4 habitats where amphibians live.



What is the only continent where amphibians do not live?





Phenology!

(In the Bee Room)



Phenology is a branch of _____
dealing with the relations between _____
and periodic biologic phenomena.

**HUH??? THIS IS JUST ALL THE STUFF THAT GOES
ON IN THE DIFFERENT SEASONS!!!**

Circle the current season.

List or draw one activity you do in each season.

Spring Summer Fall Winter

Name one natural thing that happens this
month, according to the display:



State Symbols

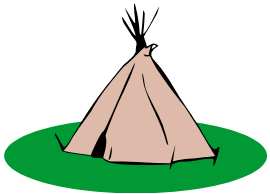
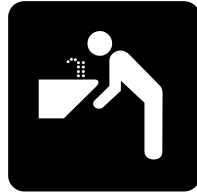


Most Pennsylvanian's know that our state
mammal is the white-tailed deer. But can
you find the rest of our state symbols that are
located throughout the Nature Center? Write
the common name next to the symbol.

Bird? _____
Flower? _____
Tree? _____
Fish? _____
Fossil? _____
Insect? _____

Loss of Habitat

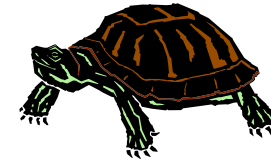
Label the four items necessary for wildlife in its habitat. Use the pictures as clues.



Habitat loss is the number one reason for wildlife decline.

Pick your favorite Pennsylvania animal. Name it, and list its habitat needs: _____

Pennsylvania Turtles



How many different kinds of turtles live in Pennsylvania? _____

Cir-

cle the correct answers



Turtles lay or bask in the sun to _____.

Warm-up

Find food

Digest food

Have fun

Help eggs develop

True and False Questions: Circle T for true or F for false.

T F A turtle's backbone is part of its shell.

T F Turtles can crawl out of their shell.

T F Turtles make good pets.

T F Turtles have a home range or territory.

Look at the Pennsylvania turtle

information cards. Which turtle is your favorite and why?

Archaeology: Digging into the past

(across from the turtle display)

Describe the climate and environment in the earliest era depicted in the archaeology display. _____



What time period was the Woodland Era?

_____ BC to _____ AD

What did the Shenk's Ferry people call themselves?

What tribes were here during the Contact Period?

_____, _____

_____, _____

Archaeologists unravel the secrets of the past by looking at clues left behind by ancient peoples. This collection of artifacts was collected locally by a young boy many years ago. He carefully labeled each item and did not mix up his collection, making it much more valuable to archaeologists.

Exotic, Threatened, Endangered, Extinct, & Recovered

(In the Loss of Habitat Hallway)

What 3 factors contributed to the otter's decline?

1. _____
2. _____
3. _____

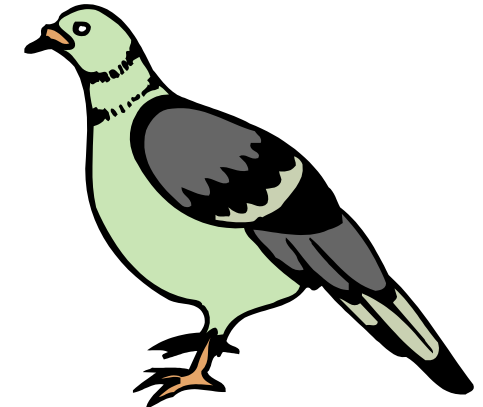


What can you do in your backyard to help wildlife?

1. _____
2. _____
3. _____



When did the last passenger pigeon die?



Should piranha live in Lake Redman? _____



Meadow Deck

(Between Arctic and Northwest)
Step outside onto our deck over-
looking the garden.



Close your eyes and use your sense of
hearing. Write down any sounds you
hear.

Draw a picture of what you see.

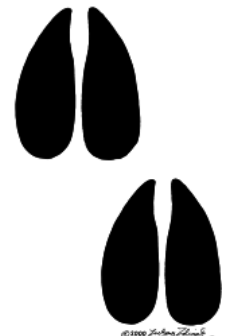
Northwest Territory



The best way to stay alive is to avoid danger all
together. Several animals displayed here have
“early warning” systems. List three animals and
their special survival skill .

<u>Animal</u>	<u>Body Part</u>	<u>Benefit</u>
Squirrel	big eyes	can see well

Hooves are designed for animals that run. Caribou have
splayed hooves which provide sure footing on ice, snow, and
spongy bogs. Can you find three other animals in the display
that have hooves?





Arctic Adventure

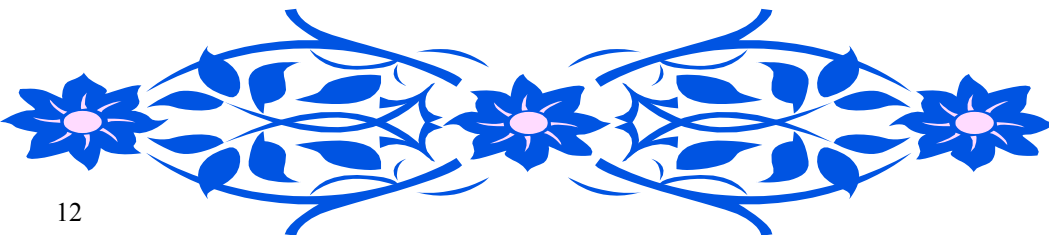
The diorama depicts springtime, which may last only _____ weeks, and temperatures remain about _____°F. List two ways you can tell it is spring.

Name two predatory birds shown here

Does the male or female walrus have tusks? _____

Name one country with Arctic habitat. _____

The polar bear's white fur provides camouflage as he hunts seals on the pack ice, but when the snow melts his white fur stands out! Name an arctic animal whose fur or feathers change color with the seasons: _____



African Safari

Match the African animal to the camouflage pattern it uses to survive.

Leopard

Solid dark spots to hide in brush and low grasses

Zebra

Black stripe on side to break up animal's shape out in the open

Cheetah

Black and white stripes, so animals moving together will confuse a predator

Steinbok

Dark spots with light centers for night hunting

Challenge Question:

What adult animal in the diorama has no natural predators— except humans— in Africa?
